



# Utah Crop Progress & Conditions

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Issue 03 Week Ending April 20, 2014

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## Agricultural Summary

There was an average of 6.9 days suitable for fieldwork in Utah for the week ending April 20, 2014. Dry conditions and above average temperatures were noted in **Box Elder County**, leaving producers hoping for a soaking storm. Spring weather conditions in **Cache County** promoted rapid planting and good crop emergence.

## Field Crop Summary

Fieldwork continued at a rapid pace in **Box Elder County** with producers finishing up planting, spraying fertilizer and herbicide, and preparing for irrigation season. Some **Cache County** producers were still seeding small grains, safflower, and alfalfa hay. Peas and beardless barley was being planted in **Rich County**.

## Livestock Summary

Most ranchers continue to brand, dehorn, and vaccinate calves before moving their herds to summer pastures. Pasture conditions were reported as mixed depending on location. Black grass bugs were spotted in portions of **Box Elder County** where heavy grazing occurred last year.

## Soil Moisture for Week Ending April 20, 2014

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	7	41	50	2
Subsoil	6	34	57	3
Stock Water Supply	2	29	68	1

## Crop & Livestock Condition for Week Ending April 20, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	2	20	59	19
Cattle/calves	0	1	26	64	9
Sheep/lambs	0	0	18	75	7
Pasture/Range	1	10	46	41	2

## Crop Progress & Livestock Activity for Week Ending April 20, 2014

Item	Current Week	Previous Week	Previous Year	5-Year Average
	Crop Progress			
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	79	51	58	59
Barley emerged	46	NA	13	25
Oats planted	55	36	47	43
Oats emerged	29	NA	10	11
Spring wheat planted	82	63	69	62
Spring wheat emerged	56	NA	14	23
Apricots full bloom	39	NA	44	37
Peaches full bloom	16	NA	16	35
Sweet cherries full bloom	15	NA	13	31
Cows calved	78	66	89	84
Farm Flock Sheep Shorn	75	64	72	71
Range Flock Sheep Shorn	75	59	51	31
Farm Flock Ewes Lambled	76	62	84	81
Range Flock Ewes Lambled	40	24	36	36

## Soil Moisture - Utah Soil Climate Analysis Network - Apr-21-2014

Site name	Weekly Precip	Current Precip <sup>1</sup>	Prev. Yr. Precip <sup>2</sup>	Soil Moisture					Current Avail. Water**	Current Avail. Water % of AWC*	Prev. Yr. Avail. Water**	Prev. Yr. Avail. Water % of AWC*
				2"	4"	8"	20"	40"				
				volume %								
<b>WESTERN</b>												
Grouse Creek	0.04	5.8	4.7	6	19	24	27	21	5.3	79	6.4	95
Park Valley	0.07	4.4	5.5	4	8	14	29	24	3.7	86	3.7	85
Goshute	0.00	4.3	4.6	13	1	32	35	30	1.8	63	2.0	71
Dugway	0.00	4.0	3.7	19	25	36	nd	15	0.5	30	0.6	37
Tule Valley	0.00	2.9	4.6	12	15	23	20	10	5.1	102	6.1	123
Hal's Canyon	0.00	2.4	2.6	1	6	11	13	8	1.3	26	1.6	31
Enterprise	0.02	2.5	4.7	5	25	23	14	15	1.0	26	2.2	56
<b>DIXIE</b>												
Sand Hollow	0.01	4.2	3.8	0	1	0	1	0	0.1	4	0.3	13
<b>NORTH CENTRAL</b>												
Blue Creek	0.16	6.9	4.7	27	30	38	35	19	5.8	137	5.1	119
Cache Junction	0.07	8.5	8.4	25	28	41	37	35	3.7	93	4.6	116
Grantsville	0.00	5.3	5.9	2	14	21	34	nd	1.8	53	1.4	43
<b>SOUTH CENTRAL</b>												
Nephi	0.00	5.4	5.4	14	17	16	10	0	0.6	14	1.3	29
Ephraim	0.00	5.6	5.1	9	13	19	23	34	2.1	47	4.2	93
Holden	0.02	3.8	5.3	5	7	2	15	12	0.7	12	2.2	37
Milford	0.00	2.1	4.6	14	23	18	26	17	1.6	24	2.1	32
Manderfield	0.00	3.6	5.2	5	13	13	11	5	0.4	8	3.1	58
Circleville	0.00	2.3	2.2	21	21	14	9	15	1.8	27	0.5	7
Panguitch	0.03	2.9	2.3	12	23	17	20	30	1.7	29	1.4	24
Cave Valley	0.00	5.7	9.3	4	2	5	5	7	1.6	29	1.9	38
Vermillion	0.04	6.0	4.6	0	2	5	12	8	1.1	23	1.1	23
Spooky	0.00	3.9	2.8	4	2	5	23	3	1.1	44	1.1	43
<b>NORTHERN MOUNTAINS</b>												
Chicken Ridge, sagebrush	0.01	3.4	6.6	19	22	27	26	29	6.7	93	6.9	96
Chicken Ridge, aspen	0.01	3.4	6.6	21	26	26	18	4	3.1	52	2.7	45
Buffalo Jump	0.00	4.4	5.7	12	17	18	16	na	1.4	32	2.9	66
Morgan	0.00	9.5	11.7	26	22	27	33	38	8.4	100	3.7	44
<b>UINTAH BASIN</b>												
Mountain Home	0.00	2.6	4.9	18	26	31	22	11	1.6	27	5.1	86
Little Red Fox	0.01	1.7	4.3	19	16	39	35	39	7.2	101	6.5	91
Split Mountain	0.00	4.1	3.5	8	19	14	14	12	1.6	24	3.0	44
<b>SOUTHEAST</b>												
Price	0.00	3.3	4.3	1	13	20	15	17	2.2	29	2.9	38
Green River	0.00	2.2	1.9	7	10	10	5	8	5.1	94	6.1	113
Ham's Way	0.17	4.8	3.1	3	11	18	17	6	2.1	42	4.0	79
West Summit	0.00	4.3	2.6	16	20	23	24	17	3.3	52	3.6	58
Eastland	0.04	4.5	3.0	15	17	24	32	32	6.3	106	6.7	113
Alkali Mesa	0.01	3.8	4.2	8	8	17	19	13	1.0	19	1.3	25
McCracken Mesa	0.06	4.0	4.7	10	18	19	16	13	2.5	67	4.3	115
<sup>1</sup> from: 10/01/2013 to present <sup>2</sup> from: 10/01/12 to 04/21/13    na = no sensor				<b>What the colors mean:</b>								
Frozen soils read lower than actual soil moisture; affected soil in <i>bold italics</i>				= below wilting point (WP); too dry								
**plant available water in the top 40" of soil    nd = missing data				= between WP & FC; ideal								
*AWC = available water capacity in the top 40" of soil				= above field capacity (FC); too wet								